

# Maria Paula Garcia Rodriguez, EIT

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## EDUCATION

**Texas A&M University, Mays Business School**  
*Master of Business Administration, Engineering MBA*

College Station, Texas  
August 2026

**Texas A&M University, College of Engineering**  
*Bachelor of Science in Civil Engineering*  
*Engineering Project Management Minor*

College Station, Texas  
December 2024

## EXPERIENCE

**Zachry Construction Corporation**  
*Field Engineer, Co-op*

San Antonio, Texas  
January 2025 – July 2025

- Translated weekly general safety meetings into Spanish for 180 employees on a \$216 million project, ensuring effective communication of major safety events throughout the project.
- Managed flatwork and painting disciplines, including oversight of two subcontractor companies with up to three 5-man crews.
- Updated and maintained the three-week lookahead schedule for flatwork and painting operations; coordinated work durations and resource planning.
- Processed subcontractor pay estimates and owner billings; ensured accurate payment reconciliation and quantity verification for flatwork and painting disciplines.
- Conducted daily field assessments using measuring tools to monitor grading, removals, and formwork compliance; ensured adherence to contractual obligations and TxDOT specifications.
- Executed about 20 trucking invoices for earthwork operations per month; verified accuracy against subcontractor agreements, cost codes, purchase orders, and scope inclusions/exclusions.

*Field Engineer, Internship*

June 2024 – August 2024

- Planned, executed, and documented a Force Account in response to design changes caused by the presence of water beneath a retaining wall, in compliance with TxDOT requirements.
- Oversaw the procurement of materials, equipment, and manpower for the Force Account, including the completion of timecards and equipment logs for a crew of up to five workers.
- Conducted daily field assessments using measuring tools to monitor grading, removals, and formwork compliance; ensured adherence to contractual obligations and TxDOT specifications.
- Reviewed and updated project plans using RFIs and transmittals; ensured documentation accuracy and effective communication of field revisions.

*Field Engineer, Internship*

May 2023 – August 2023

- Tracked and ordered PPE and safety supplies for the entire project team; translated weekly safety meetings for Spanish-speaking personnel.
- Created material quantity takeoffs (e.g., SEJs, small signs) and surface area calculations for all flatwork and painted structures to support pay applications.
- Translated, conducted, and documented training sessions for over 15 3-man construction crews on Union Pacific Railroad training. Implemented training protocols that enabled successful construction, permitting, and progress around railroad tracks.
- Shadowed Superintendents and Construction Crews with a focus on walls, structures, and drainage, gaining first-hand experience in a wide range of field operations.

## SKILLS, ACTIVITIES & INTERESTS

**Languages:** Fluent Spanish; Proficient in reading and writing.

**Technical Skills:** Proficient in Civil3D, Bluebeam, and Excel.

**Certifications & Training:** PADI Open Water Diver Scuba Diving Certification.

**Interests:** Heavy Civil Construction, Construction Engineering Project Management, Highway Construction, Transportation Engineering.